



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED
By Carol Day at 1:12 pm, Jul 23, 2013 #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102454	PRINTER SN 095.3583.044	DATE OF INSPECTION 07/18/2013
LOCATION OF INSTRUMENT (STREET AND CITY) CCSO Jail		TIME OF INSPECTION 5:38 pm

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☐ SIMULATOR SOLUTION

☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Airgas Midwest America LOT # AG233201 EXP. DATE 11/27/2014

☐ SIMULATOR TEMPERATURE (34°C ± 0.2°C) _____ SIMULATOR SN _____ SIMULATOR EXP DATE _____

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ➡ .102

TEST 2 ➡ .101

TEST 3 ➡ .100

☐ RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS

(0-.04)

(.05-.09)

(.10-.14)

(.15-.19)

(OVER .19)

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE
Sgt. W. E. Moulder

PRINT NAME
Sgt. W. E. Moulder

TYPE II PERMIT NUMBER/EXPIRATION DATE
220064 02/21/2014

TELEPHONE NUMBER
(573) 346-2243

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



Airgas Mid America (LABORATORY)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Customer Name
Intoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 27-Nov-2012

Dear Sir,

This is your Certificate of Analysis:

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
11/27/2014	108	Ethanol	0.100 \pm 2% BrAC (272 ppm)
		Nitrogen	Balance

Lot # AG233201

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.5 ppm	EB0010603	390.9 ppm
EB0010570	258.4 ppm	EB0010559	258.3 ppm
EB0010285	208.9 ppm	EB0010595	209.2 ppm
EB0010561	101.9 ppm	EB0010562	104.9 ppm
EB0010681	53.0 ppm	EB0010579	52.4 ppm

Analytical Method: NDIR

Analyst: 

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

AS IV Serial no: 102454
Version no: 004C

TEST RECORD 00271

Temp Date Time 210L

Air Blank:
07/18/13 17:41 .000
Calibration Check:
25 07/18/13 17:41 .100

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Sgt. W. E. Moulder
Location 220064 2-21-14

CCSO Jail

AS IV Serial no: 102454
Version no: 004C

TEST RECORD 00272

Temp Date Time 210L

Void: RFI
12 07/18/13 17:42

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Sgt. W. E. Moulder
Location 220064 2-21-14

CCSO Jail

AS IV Serial no: 102454
Version no: 004C

TEST RECORD 00270

Temp Date Time 210L

Air Blank:
07/18/13 17:39 .000
Calibration Check:
24 07/18/13 17:39 .101

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Sgt. W. E. Moulder
Location 220064 2-21-14

CCSO Jail

AS IV Serial no: 102454
Version no: 004C

TEST RECORD 00269

Temp Date Time 210L

Air Blank:
07/18/13 17:38 .000
Calibration Check:
23 07/18/13 17:38 .102

Subject Name

Maint

Subject I.D.

Operator Name, I.D.

Sgt. W. E. Moulder
Location 220064 2-21-14

CCSO Jail